

IN THE CLAIMS:

Please cancel claims 4-27 without prejudice or disclaimer.

Please amend claims 1-3 and add new claims 28-35 as indicated below.

1.(Currently amended) A torque transmitting apparatus for transmitting a torque from a driving source to a rotary device, comprising:

a first rotor driven in a rotating direction upon receipt of the torque from said driving source via a member disposed between said first rotor and said driving source, said first rotor receiving a radial load in a radial direction thereof from said member while being driven in the rotating direction;
^(18, 1)

a radial bearing disposed between the first rotor and a support member, which supports the first rotor rotatably on said support member against the radial load on said first rotor;

a second rotor connected to a rotating portion of said rotary device and rotating together with said rotating portion; and

a torque transmitting member disposed between said first rotor and said second rotor for transmitting the torque in the rotating direction that said first rotor has received to said second rotor, said torque transmitting member being deformable elastically in the rotating direction, wherein

said torque transmitting member has a non-linear spring characteristic.

2.(Currently amended) A torque transmitting apparatus for transmitting a torque from a driving source to a rotary device, comprising:

a first rotor driven in a rotating direction upon receipt of the torque from said driving source via a member disposed between said first rotor and said driving source, said first rotor receiving a radial load in a radial direction thereof from said member while being driven in the rotating direction;

a radial bearing disposed between the first rotor and a support member, which supports the first rotor rotatably on said support member against the radial load on said first rotor;

a second rotor connected to a rotating portion of said rotary device and rotating together with said rotating portion; and

a torque transmitting member disposed between said first rotor and said second rotor for transmitting the torque in the rotating direction that said first rotor has received to said second rotor, said torque transmitting member being deformable elastically in the rotating direction, wherein

said torque transmitting member is deformed mainly by a flexural deformation when an amount of deformation is less than a predetermined amount, and is deformed mainly by a compressive deformation when the amount of deformation is more than the predetermined amount, whereby an elastic modulus of said torque transmitting member at the amount of deformation over the predetermined amount becomes larger than that at the amount of deformation below the predetermined amount.

3. (Currently amended) A torque transmitting apparatus according to claim 2, wherein

*As
(and)*

said torque transmitting member is made of rubber or elastomer having a hole, and
the hole reduces a cross-sectional area of said torque transmitting member in a cross-section nearly perpendicular to a load direction the rotating direction.

4-27. (Cancelled)

28.(New) A torque transmitting apparatus according to claim 1, wherein said torque transmitting member is made of rubber or elastomer having a hole, and the hole reduces a cross-sectional area of said torque transmitting member perpendicular to the rotating direction.

29.(New) A torque transmitting apparatus according to claim 1, wherein said torque transmitting member is made of rubber or elastomer, and the transmitting member is deformed by flexural deformation in response to torque in the rotating direction that is smaller than a predetermined torque and is deformed by compressive deformation in response to torque in the rotating direction that is larger than the predetermined torque, the deformation amount of the flexural deformation being larger than the deformation amount of the compressive deformation.

30.(New) A torque transmitting apparatus according to claim 1, wherein said torque transmitting member is made of rubber or elastomer, and the transmitting member has a first portion that is deformed by a flexural deformation in response to torque in the rotating direction that is smaller than a predetermined torque and a second portion that is deformed by compressive deformation in response to torque in the rotating direction that is larger than the predetermined torque, the deformation amount of said first portion being larger than the deformation amount of said second portion.

31.(New) A torque transmitting apparatus according to claim 1, wherein said torque transmitting member is made of rubber or elastomer, and the transmitting member has a first portion and a second portion, the first portion being deformed in a first amount by flexural deformation in response to torque in the rotating direction, the second portion being deformed in a second amount by compressive deformation in response to torque in the rotating direction, the first amount being increased more than the second amount as the torque in the rotating direction is increased, wherein the first amount is always larger than the second amount.

32.(New) A torque transmitting apparatus according to claim 1, wherein said torque transmitting member is free from the radial load.

33.(New) A torque transmitting apparatus according to claim 1, wherein said member is a V belt.

34.(New) A torque transmitting apparatus according to claim 1, wherein said support member is a housing of said rotary device.

A6
(cont'd) 35.(New) A torque transmitting apparatus according to claim 34, wherein said rotary device is a compressor.